

ABSTRACT OF THE DISCLOSURE

A threadless knock sensor (10, 50) includes a sleeve (12, 52) around which a transducer (24, 64) and a load washer (30, 70) are disposed. A frusto-conical disk spring (34, 78) is installed in compression around the sleeve (12, 52) above the transducer (24, 64). The sleeve (12, 52) includes threadless [means]structure for holding the disk spring (34, 78) in compression.